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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.
08/470,571	06/06/95	HARVEY	J	5634.261

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ART UNIT	PAPER NUMBER
2731	

DATE MAILED: 10/19/99   24

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

	Application No.	Applicant(s)
Office Action Summary	08/470,571	HARVEY et al
	Examiner	Group Art Unit
	William Luther	2731

☒ Responsive to communication(s) filed on *Mar 4, 1999*

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire ___3___ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) *56-181* is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) *56-181* is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☒ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

  ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

    ☐ received.

    ☐ received in Application No. (Series Code/Serial Number) _____ .

    ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

  *Certified copies not received: _____ .

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- *SEE OFFICE ACTION ON THE FOLLOWING PAGES* ---

DETAILED ACTION

-Applicant's arguments, of paper no. 22 received 3/18/99, with respect to pending claims 56-181 have been considered but are moot in view of the new ground(s) of rejection.

Overview

-It has come to the Examiner's attention that paper no. 22 cites, as pending claim support, sentences, paragraphs, and passages that do not exist anywhere **(emphasis added)** in the entire instant specification filed Sept. 11, 1987, of pages 1-557.

-The citations have generated the question of whether instant pages 1-557 contain any support, whatsoever, for the instant claims.

-It is because paper no. 22 casts doubt on each of the pending claims that they are herein rejected with his own publications.

-The below rejections under 112 1st paragraph, 2nd paragraph, and under 102 (b) are caused by the choice to cite passages that do not exist in the instant specification of pages 1-557.

-Applicant must understand that it is necessary for Examiner to find pending claim support in pages 1-557. **Thus, the actions of paper no. 22 compel the rejections below.**

112 1st paragraph:

-The voluminous support cited per paper no. 22 as written description for pending claims 56-181 has been considered;

-Examiner has reviewed instant pages 1-557 and does not find the cited passages; put in other words, the passages cited as pending claim support were not specifically included in the instant application filed Sept. 11, 1987;

-Moreover, in reviewing pages 1-557, Examiner finds no shorthand inclusion of the cited passages by the vehicle of 'incorporation by reference';

-however, it is trite to say the pages 1-557 must contain written description for pending claims 56-181 to meet 112 1st paragraph;

-Examiner has called, to Mr. Tom Scott's attention, the absence of the cited passages;

-Mr. Scott and Applicant have acknowledged that they did not include the passages, cited for

support, specifically or expressly incorporated by reference in instant pages 1-557;

-Mr Scott has stated that 112 1st paragraph is satisfied 'so long as pending claims are generic to

    -the *cited passage embodiment*; and

    -the *instant embodiment*' ;

-Examiner finds Mr. Scott's statement to reflect an 'incomplete understanding';

-it must first be established that the cited passage embodiments were included in the instant

specification pages 1-557 on the date of Sept. 11, 1987, before Mr. Scott's proposed test can

be performed;

-thus it should be understood that even if the examiner can conclude that the pending claims are

generic to the cited passage embodiment and the instant embodiment', it is irrelevant unless the

cited passage embodiment was included within pages 1-557 on Sept. 11, 1987;

-Mr. Scott's statement is premised on the requirement that the cited passages were included

within pages 1-557; this however, is not the instant circumstance, the cited passages were

not included on in the instant specification of pages 1-557 on Sept. 11, 1987, and therefore

are insufficient for satisfying questions of support;

-In conclusion, Examiner finds that Mr. Scott and Applicant did not consider the cited

passages as the invention on the date Sept. 11, 1987.

35 U.S.C. 102

-it is not disputed that the cited passages were published more than one year prior to the filing of

pending claims 56-181, via U.S. patents 4,694,490 and 4,704,725 respectively. The cited

passages were published Sept. 15, 1987, and Nov. 3, 1987; however the pending claims were

first filed March 18, 1999.

-hence, by construction, the cited passages of '490 and '725 are found to clearly anticipate the

pending claims;

-Moreover, in a comparison between a) the asserted claim support and b) the universal receiver

embodiment published on March 23, 1989, by way of WO 89/02682, finds that the differences

constitute no more than 'obvious differences'. Hence, W/O 89/02682 is found to suggest the

pending claims to the extent that true support exists;

35 U.S.C. 112 2nd

-as Mr. Scott and Applicant have acknowledged that the cited passages were not specifically or

expressly incorporated by reference, pending claims 'fail to claim applicant's invention' . . . 'the

invention necessarily must be described by instant pages 1-557'.

'Obvious type' double patenting

-the cited passages correspond to an embodiment which also supports patent claims that have

already been granted via '490 and '725;

-the pending claims are obvious variants of the already patented claims and respective patented

embodiment of '490 and '725;

-the pending claims being obvious variants, if patented, would thus extend monopolies that are

already enjoyed;

-Moreover, 'the Universal Receiver embodiment' of the instant disclosure is also already

patented per U.S. patents 4,964,825, 5,109,414, and 5,335,277.

-pending claims are found to be obvious variants of the '825, '414, and '277 patented Universal

Receiver embodiments;

-pending claims, if patented, would thus extend monopolies already enjoyed on the instant

Universal Receiver embodiment;

Findings of Fact:

-the instant application is:

Application no.	Date	Status
-a continuation of 08/113,329	filed 8/30/93	pending;
-which is a continuation of 08/056,501	filed 5/3/93	now patent 5,335,277;
-which is a continuation of 07/849,226	filed 3/10/92	now patent 5,233,654;
-which is a continuation of 07/588,126	filed 9/25/90	now patent 5,109,414;
-which is a continuation of 07/096,096	filed 9/11/86	now patent 4,965,825;
-which is a continuation-in-part of 06/829,531	filed 2/14/86	now patent 4,704,725;
-which is a continuation of 06/317,510	filed 11/3/81	now patent 4,694,490.

-none of the pending claims correspond to those existing at the time of filing '87 CIP;

primarily relied

-applicant has identified the '81 Fig 6c Wall Street Week embodiment' as support for

pending claims per paper no. 22 pages 51-62 (support is found the corresponding published U.S.

patents 4,694,490 and 4,704,725 and spanning respective col 19 line 31 through col 20 line 11);

most　　　　　　　　　　*pgs1-557 of*

-pending claims may only derive support, from the '87 CIP 07/096,096, if they are to be entitled

including the e.p.d of Sept 11, 1987.

to an effective priority of Sept. 11, 1987;

whatsoever

- *pendy claims supported by '81 but not supported by '87 fail the written descript requirt. As continuity was not maintued*

-the entire '81 written description was not specifically included in '87 CIP written

description;

-the '87 CIP did not expressly incorporate by reference the '81 subject matter into the '87 CIP.

it is in implicitly set forth
- findss of facts are include in 102 reg. below
- findys of fact are relied upa as the basis for 103 & obv. type dou
pate reft.
(in the same plu)

~~Comments~~
Conclusions of Law

-applicant is on notice that mixing and matching embodiments from the '81 and '87 CIP will

now and in the future be found to fail the written description requirement of 112 first paragraph;

. it is understood the novely is a factual inquiry
- " " " " written descript is a factual inquiry
whichare

-pending dependent claims found to contain subject matter from instant pages 1-557 are

considered to 'mix and match' the 'cited support embodiment' and 'the instant ultimate receiver

embodiment';

~~dependent claims~~
-when '81 support is aledged.

- unless the scope of comme to depny claus is commc to du set bot spec's & clus morey adds '87 of feats u/a such ch will be rejectd/ u/a intg orr s fort

Specification

1.   The amendment filed 3/4/99 is objected to under 35 U.S.C. 132 because it introduces new

matter into the disclosure. 35 U.S.C. 132 states that no amendment shall introduce new matter

into the disclosure of the invention. The added material which is not supported by the original

disclosure is as follows:

-the amendment to substitute --units-- for "words" page 37 [line 24] and substitution of --words--

for "units" [line 25];

-the amendment received June 6, 1995, paper no. 3, page 2, attempts to 'incorporate by

reference' subject matter that was not included in the instant disclosure's pages 1-557

specification on Sept. 11, 1987;

Applicant is required to cancel the new matter in the reply to this Office action.

Claim Rejections - 35 U.S.C. § 112

2.   The following is a quotation of the first paragraph of 35 U.S.C. 112:

> The specification shall contain a written description of the invention, and of the manner and
> process of making and using it, in such full, clear, concise, and exact terms as to enable any
> person skilled in the art to which it pertains, or with which it is most nearly connected, to

> make and use the same and shall set forth the best mode contemplated by the inventor of
> carrying out his invention.

3.   Claims 56-181 are rejected under 35 U.S.C. 112, first paragraph, as containing subject

matter which was not described in the specification in such a way as to reasonably convey to one

skilled in the relevant art that the inventor(s), at the time the application was filed, had

possession of the claimed invention.

Considering claim 56, there is no support for:

-an interactive video apparatus;

-said interactive video apparatus having a video output device for displaying a

video presentation;

-originating at said interactive video apparatus at least a first request for content

to be displayed in said video presentation;

-communicating one of said at least said first request and a second request to a

remote data source;

-receiving from said remote data source said data to serve as a basis for displaying

said video presentation;

-processing said data at said interactive video apparatus in order to present at least

one of said locally generated image and said image from said remote video source;

-displaying said locally generated image at said video device in conjunction with

said image from said remote video source.

Considering claim 57, there is no support for:

-programming said interactive video apparatus;

-to perform originating;

-to perform communicating;

-to perform receiving;

-to perform processing;

-to perform displaying.

Considering claim 58, there is no support for:

-said interactive video apparatus includes a computer;

-said step of programming comprises storing;

-storing at least one processor instruction in said computer;

-detecting an instruct signal transmitted from one of said remote video

source and said remote data source;

-executing said at least one processor instruction in response to said

instruct signal.

Considering claim 59, there is no support for:

-detecting said at least one processor instruction in a signal transmitted

from said remote video source;

-detecting said at least one processor instruction in a signal transmitted

from said remote data source;

-inputting said at least one processor instruction to said computer.

Considering claim 60, there is no support for:

-said step of originating processing an identifier;

-said step of communicating processing an identifier;

-said step of receiving processing an identifier.

Considering claim 61, there is no support for:

-said identifier identifies mass medium programming;

-said identifier identifies digital programming;

-said identifier identifies both mass medium programming and digital programming.

-said identifier identifies a communications resource;

-said identifier identifies said locally generated image;

-said identifier identifies all combinations and subcombinations of: mass medium

programming digital programming communications resource said locally generated

image.

Considering claim 62, there is no support for:

-said identifier is received at said interactive video apparatus from one of said

remote video source and said remote data source.

Considering claim 63, there is no support for:

-said interactive video apparatus communicates with said remote data source via a digital

information channel;

-said first data received from said remote video source;

-said second data is received from said remote video source;

-said locally generated image by processing said first data;

-said locally generated image by processing said second data.

Considering claim 64, there is no support for:

-said first data received from said remote video source;

-said second data is received from said remote video source;

-said locally generated image by processing said first data;

-said locally generated image by processing said second data.

Considering claim 65, there is no support for:

-said interactive video apparatus includes a computer;

-said second data received from said remote video source;

-said second data received from said remote video source in a first discrete signal;

-organizing first information contained in said first discrete signal;

-organizing first information contained in said first discrete signal with

second information contained in a second discrete signal;

-organizing first information contained in said first discrete signal with

second information contained in a second discrete signal in order to enable said

interactive video apparatus to process at least one processor instruction comprising

said first information and said second information; and

-causing said computer to respond to said at least one processor

instruction.

Considering claim 66, there is no support for:

-said step of organizing is performed by an assembler.

Considering claim 67, there is no support for:

-said step of processing comprises

-storing first programming in order to present a portion of said at least one of said locally

generated image and said image received from said remote video source at a particular.

time or place.

Considering claim 68, there is no support for

-said video output device displays said locally

generated image based on said step of storing.

Considering claim 69, there is no support for

-said interactive video apparatus includes a computer

which stores said first data.

Considering claim 70, there is no support for:

-wherein said interactive video apparatus includes

-a computer which generates said locally generated image in response to at least one instruction

-said method further comprising the step of

-outputting said first programming to said computer.

Considering claim 71, there is no support for:

further comprising the step of programming said computer to respond to said at least one instruction.

Considering claim 72, there is no support for

-said step of programming comprises the steps of:

-receiving a programming transmission from said remote programming source; and

-inputting at least a portion of said programming transmission to said computer.

Considering claim 73, there is no support for

-said interactive video apparatus receives

-encrypted video from said remote interactive video source.

Considering claim 74, there is no support for:

-said interactive video apparatus includes a local device which inputs selected

information to said computer, said method further comprising the step of inputting

said at least one instruction from said local device to said computer.

Considering claim 75, there is no support for:

-a method of delivering a video presentation at least one receiver station of a plurality

of receiver stations each of which includes a receiver, a signal detector, a processor,

and an output device, and

-each of which is adapted to detect the presence of at least one control signal and

programmed to process downloadable processor instructions,

-said video presentation including (a) a first video image and (b) a second video

image,

-said first video image received at said at least one receiver station from a first remote

transmitter station,

-said second video image (i) containing at least one datum that

-at least one of completes and supplements said first video image and

-(ii) displayed in conjunction with said first video image, said method comprising the

steps of:

-receiving at one of said first transmitter station and

-a second transmitter station said downloadable processor instructions, wherein

-said downloadable processor instructions are capable of causing said at least one

receiver station to generate locally and output said second video image

-said downloadable processor instructions having at said at least one receiver station

-a target processor to process data;

-receiving said at least one control signal at said transmitter station, wherein said

-at least one control signal is effective at said at least one receiver station to

-control execution of at least one of said downloadable processor instructions and

-deliver at least said second video image of said video presentation;

-transferring said at least one control signal to said transmitter; and

-transmitting an information transmission comprising said downloadable processor

   instructions and

-said at least one control signal.

Considering claim 76, there is no support for:

-said method further comprising the steps

of receiving

-at least a portion of said first video image and said second video image at

said transmitter station; and

-transmitting said at least a portion of said first video image and said second video

image to said at least one receiver station.

Considering claim 77, there is no support for:

-wherein one of said downloadable code and identification data in respect of said

downloadable code is

-embedded in a non-visible portion of a signal containing at least one of said first

video image and said second video image.

Considering claim 78, there is no support for:

-said video presentation is displayed at said at least one receiver station and

-downloadable code programs said processor

-(i) to output at least one of video, audio, and text

one of simultaneously and sequentially with said video presentation

-(ii) to process a viewer reaction to said video presentation and

-(iii) to select information that supplements said video presentation.

Considering claim 79, there is no support for:

-said target processor generates at least a portion of said second video image by

-processing said data, said method further comprising the step of

-transmitting said data.

Considering claim 80, there is no support for:

-a method of delivering a video presentation at least one receiver station of a plurality

of receiver stations each of which includes a receiver,

-a signal detector,

-a processor, and

-an output device, and is adapted to

-detect the presence of at least one signal,

-said method comprising the steps of:

-receiving, at an origination transmitter station, video to be transmitted by a remote

intermediate transmitter station;

-delivering a signal containing said video to an origination transmitter, said signal

containing said video also containing an instruct signal which is operative at said at

least one receiver station to instruct said at least one receiver station to at least one of

-generate and output a local_portion of a video presentation and cause said locally

generated portion of said video presentation to be displayed in conjunction with said

video receiving, at said origination transmitter station, at least one control signal that,

at the remote intermediate transmitter station, controls the communication of at least

one of said video and said instruct signal; and

-transmitting said at least one control signal from said origination transmitter before a

specific time.

Considering claim 81, there is no support for:

said at least one control signal comprises at least one of

-a code and a datum which, at

-the remote intermediate transmitter station,

-identifies at least one of (i) said video and

-(ii) data that is at least one of described and promoted in said video, said

method further comprising the step of:

-transmitting from said origination transmitter

-a second control signal

which, at said remote intermediate transmitter station, controls the

communication of said at least one of said video and said instruct signal to a

second transmitter at said specific time.

Considering claim 82, there is no support for:

-the step of embedding specific one of said at least one control signal in a non-visible

portion of a signal containing said video before transmitting said video to said remote

intermediate transmitter station.

Considering claim 83, there is no support for

-said specific time is a scheduled time of transmitting said video at said remote

intermediate transmitter station.

Considering claim 84, there is no support for:

-A method of delivering a video presentation at least one receiver station of a

plurality

of receiver stations each of which includes a receiver, a signal detector, a processor,

and an output device, and is.

adapted (how and where?)

-to detect the presence of at least one signal,

-wherein at least one processor instruction comprises information content of separate

ones of a plurality of discrete signals and

-said at least one receiver station is capable

-providing said at least one processor instruction,

said method comprising the steps of:

-receiving video at a transmitter station;

-delivering said video to a transmitter;

-receiving a first discrete_signal of said plurality of discrete signals at said transmitter

station, wherein

-said first discrete_signal is operative to provide said at least one processor instruction

at said at least one receiver station by enabling said at least one receiver station to

-organize information contained in said first discrete signal with information

contained in a second of said plurality of discrete signals, and said at least one

processor instruction instructs said at least one receiver station to deliver a locally

generated image for display in conjunction with said video transferring said first

discrete_signal to said transmitter; and transmitting said video and first discrete signal

to said at least one receiver station.

Considering claim 85, there is no support for:

-at least one of identification data and said first discrete_signal is embedded in a

signal containing said video.

Considering claim 86, there is no support for:

-said step of transmitting directs said video to said plurality of receiver stations

-at the same time and each of said plurality of receiver stations one of receives and

-processes to said first discrete_signal concurrently.

Considering claim 87, there is no support for: wherein said video is encrypted.

Considering claim 88, there is no support for: further comprising the steps of

-receiving said video at a receiver in the transmitter station,

-communicating said video from said receiver to a memory location, and

-storing said video at said memory location for a period of time prior to delivering

said   video to said transmitter.

Considering claim 89, there is no support for:

wherein said video output device includes a viewing screen which

-displays a first image received from said remote programming source and said step

of   displaying comprises

replacing less than all of said first image with said locally generated image.

Considering claim 90, there is no support for:

-said locally generated image is overlaid on said first image.

Considering claim 91, there is no support for:

-wherein said interactive video apparatus includes an audio receiver and ceases

-displaying said locally generated video image, said method further comprising the

steps of:

-receiving, at said audio receiver, audio which describes information

displayed in said video presentation; and

-outputting said audio at said interactive video apparatus before ceasing to

display said locally generated video image.

Considering claim 92, there is no support for:

-wherein said at least one control signal is effective at the remote intermediate

transmitter station to control at least one of a plurality of selective transfer devices at

different times.

Considering claim 93, there is no support for:

-A method of outputting a video presentation at a

receiver station, said video presentation comprising

-a sequence of outputs and

-including, as a first of said sequence of **outputs,** a video image, said method

comprising the steps of:

-receiving at least one information transmission at said receiver station,

-said at least one information transmission containing at least a first discrete

signal and at least one control signal;

-detecting said at least a first discrete signal and said at least one control

signal in said at least one information transmission;

-passing said detected at least a first discrete signal and said detected at

least one control signal to at least one processor;

-organizing information contained in said at least a first discrete signal at

said receiver station with information contained in a second discrete signal based

on said at least one control signal;

-passing at least one processor instruction to or within said at least one

processor,

-said at least one processor instruction comprising said organized

information from said step of organizing; -

-responding to said at least one processor instruction at said receiver

station based on said step of passing said at least one processor instruction;

-generating an image to replace only a portion of said video image by processing at

least one stored subscriber datum based on said step of responding to said at least one

processor instruction; and

-outputting said video presentation to a user, said video presentation containing,

firstly, said video image and, secondly, said generated image to replace said only said

portion of said video image.

Considering claim 94, there is no support for:

-wherein a receiver specific control signal is generated based on at least one of said at

least one first discrete signal and said at least one control signal, said method further

including the step

of:

-selecting said video image in response to said generated receiver specific

control signal.

Considering claim 95, there is no support for:

-further comprising the step of controlling at least one of a receiver, a switch, a

decryptor, an enabling device, a storage device, a computer, and a second output

device based on said at least one control signal.

Considering claim 96, there is no support for:

-said generated image to replace at least said portion of said video image contains at

least one receiver specific datum, said method further comprising the steps of:

-receiving said video image from a remote station;

-generating said at least one receiver specific datum by processing

information stored in a computer; and

-outputting at least one of a simultaneous and a sequential presentation of said

received video image and said generated at least one receiver specific datum.

Considering claim 97, there is no support for:

-assembling said at least one processor instruction based on said at least one first

discrete signal.

Considering claim 98, there is no support for:

-said at least one first discrete signal includes only partial information of an identifier

and said at least one processor instruction includes said identifier.

Considering claim 99, there is no support for:

-said at least one first discrete signal designates a specific user input to process, said

method further comprising the step of

-generating output by processing said specific

user input.

Considering claim 100, there is no support for:

further comprising the steps of:

-receiving said at least one subscriber datum; and

-passing said at least one subscriber datum to a storage device.

Considering claim 101, there is no support for:

comprising the step of

-communicating to a remote station data evidencing

-at least one of (1) an availability,

-(2) a use, and

-(3) usage of at least one of

-(a) said at least one first discrete signal,

-(b) said at least one processor instruction, and

-(c) said video image.

Considering claim 102, there is no support for:

-wherein a user inputs an order, said method further including the step of

communicating said order to a remote station.

Considering claim 103, there is no support for:

-wherein a receiver specific control signal is processed based on at least one of said at

least one first discrete signal and

-said at least one control signal, said method further including the step of

-outputting said video image in response to said receiver specific control signal.

Considering claim 104, there is no support for:

-wherein a receiver specific control signal is processed based on at least one of

-said at least one first discrete signal and said at least one control signal, said method

further including the step of

-processing user input based on said generated receiver specific control signal.

Considering claim 105, there is no support for:

-wherein a receiver specific control signal is processed based on at least one of

-said at least one first discrete signal and

-said at least one control signal and said image to replace said at least

-said portion of said video and image is generated based on said receiver specific

control signal.

Considering claim 106, there is no support for:

-wherein a receiver specific control signal is processed based on at least one of said at

least one first discrete signal and said at least one control signal, said

-method further including the step of outputting one of a simultaneous and a

-sequential presentation of

-said video image and

-at least one of a receiver specific video and a receiver specific graphic

image based on said receiver specific control signal.

Considering claim 107, there is no support for:

-wherein said video is received in one of a television and a multichannel information

transmission.

Considering claim 108, there is no support for:

-wherein said one of a television and a multichannel information transmission

comprises

-an analog television signal.

Considering claim 109, there is no support for:

-wherein said receiver station includes a video monitor **which outputs said video**

presentation,

-wherein said video presentation comprises

-a series of computer generated video display outputs, and

-wherein by processing data said at least one processor

-delivers said generated image to replace at least said portion of said video

image at said video monitor

-in one of said series of computer generated display outputs,

-said method further comprising the step of receiving said data from a remote

data source.

Considering claim 110, there is no support for:

-A method of outputting a video presentation at least one of a plurality of receiver

stations each of which includes a receiver, a signal detector, a processor, an output

device, each of said plurality of receiver stations being adapted to

-detect the presence of at least one control signal and programmed to process at least

one processor instruction, said method comprising the steps of:

-receiving at least one transmitter station at least a first discrete signal containing

information, wherein

-said at least one processor instruction comprises

-information organized from said information contained in

-said first discrete signal and information contained in a second discrete signal,

-said at least one processor instruction is effective at said at least one of said plurality

of receiver stations to

-generate and output only a portion of said video presentation,

-said at least one processor instruction has at said at least one of said plurality of

receiver stations a target processor to process data;

-transferring said at least said first discrete signal to at least one transmitter;

-receiving said at least one control signal at said at least one transmitter station,

-wherein said at least one control signal is operative at said at least one of said

plurality of receiver stations to

-organize said information in said first and second discrete signals into said at least

one processor instruction; and

-transferring said at least one control signal to said at least one transmitter, and

-transmitting at least one information transmission containing said at least said first

discrete signal and said at least one control signal.

Considering claim 111, there is no support for:

-wherein one of a combined and a sequential output of a video image and said only

said portion of said video presentation is

-delivered at said output device of said at least one of said plurality of receiver

stations,   said method further comprising the steps of

-receiving said video image at said at least one transmitter station; and

-transmitting said video image to said at least one of said plurality of receiver

stations.

Considering claim 112, there is no support for:

-wherein at least one

-(i) of said at least said first signal includes identification data pertaining to said video

presentation and

-(ii) said at least said first discrete signal is embedded in a nonvisible portion of a

signal containing said video image.

Considering claim 113, there is no support for:

-wherein said video image is displayed at said at least one of said plurality of receiver

stations and said at least one processor instruction programs said processor at least

one   of

-(1) to output at least two of video, audio, and text at least one of

-simultaneously and (emphasis)

-sequentially with said video image and

-(2) to process a viewer reaction to said video image and

-(3) to select information that supplements said video image.

Considering claim 114, there is no support for:

-wherein at least one of

-(i) an assembler at said at least one of said plurality of receiver stations

-organizes said information in said first and second discrete signals into said at least

one processor instruction and

-(ii) said at least one control signal contains at least a portion of said at least one

processor instruction.

Considering claim 115, there is no support for:

-wherein a television program comprises

-a series of computer generated images, where said at least one of said plurality of

receiver stations includes a television monitor which displays said video presentation

in said television monitor to

-display said only said portion of said video presentation in one of

-said series of computer generated images, said method further comprising the step of

-transmitting said data.

Considering claim 116, there is no support for:

- method of delivering a video presentation at one receiver station of a plurality of

receiver stations each of which includes a receiver, a signal detector, a processor, an

output device, and with each of said plurality of receiver stations being adapted to

-detect the presence of at least one signal, wherein said one receiver station

-displays video received at said one receiver station from a remote transmitter station

and is

-adapted to

-display a locally generated image

-in conjunction with said video in response to at least one processor instruction, said

method comprising the steps of:

-receiving a first discrete signal at an origination transmitter station and

-delivering said first discrete signal to at least one origination transmitter, wherein

said

at least one processor instruction is comprised of

-information contained in said first discrete signal and information contained in a

second discrete signal, and wherein

-one of said one receiver station and a remote intermediate transmitter station is

-adapted to organize said information contained said first discrete signal

-with said information contained in said second discrete signal;

-receiving at least one control signal which at said remote intermediate transmitter

station operates to

-control the communication of one of said first discrete signal and said at least one

processor instruction;

-transferring said at least one control signal to said at least one origination transmitter

-before a specific time; and

-transmitting from said at least origination transmitter said first discrete signal and

said at least one control signal.

Considering claim 117, there is no support for:

-wherein at least one of

-a combined and

-a sequential output of a video image and said

-only said portion of said video presentation is delivered at said output device of

said one receiver station of said plurality of receiver stations,

-said method further comprising the steps of

-receiving said video image at least one transmitter station; and

-transmitting said video image to said one receiver station of said plurality of receiver

stations.

Considering claim 118, there is no support for:

-comprising the step of embedding said at least one control signal in an information

transmission

-containing said first discrete signal before transmitting said first discrete signal to

said remote intermediate transmitter station.

Considering claim 119, there is no support for:

-wherein said specific time is a scheduled time of transmitting at least one of

said first discrete signal and information associated with said first discrete signal

from said remote intermediate transmitter station.

Considering claim 120, there is no support for:

-further comprising the step of: transmitting said second discrete signal.

Considering claim 121, there is no support for:

wherein said remote transmitter station transmits

-encrypted video to said one receiver station of

-said plurality of receiver stations.

Considering claim 122, there is no support for:

-wherein a television program comprises

-a series of computer generated images, where said at least one of

-said plurality of receiver stations includes a television monitor which displays

-said video presentation in said television monitor

-to display said only said portion of said video presentation in one of

-said series of computer generated images,

-said method further comprising the step of transmitting said data.

Considering claim 123, there is no support for:

     -A method of delivering a video presentation

     -at least one of a plurality of receiver stations

     -each of which includes a receiver, a signal detector, a processor, an output device,

     -and with each of said plurality of receiver stations

     -being adapted

     -to detect the presence of at least one signal,

     -wherein said video presentation includes

     -a first image which is received said at one of said plurality of receiver stations

     -from a first remote transmitter station, and

     -wherein one of a code and an identifier is operative at a receiver station of

     -said plurality of receiver stations to

-designate one of a second image and a device, said method comprising the steps of:

- receiving at least one of said first remote transmitter station and a second remote

transmitter station at least one instruct signal which is

-effective at a particular receiver station of said plurality of receiver stations to

-generate locally and output said second image of said video presentation for

-delivery in conjunction with said first image;

-transferring said at least one instruct signal to at least one transmitter;

-receiving at least one first discrete signal and a control signal at said at least one of

said first remote transmitter station and said second remote transmitter station,

-said at least one first discrete signal including

-only partial information of said one of a code and an identifier and

-said at least one control signal operative to provide said one of a code and an

identifier and

-designate at said at least one of said plurality of receiver stations by

-organizing said partial information with information contained in a second discrete

signal at said at least one of said plurality of receiver stations, wherein

-said one of a code and an identifier designates said one of said second image and

said device at said particular receiver station and is

-operative to cause said instruct signal to be effective at said at least one of said

plurality of receiver stations; and

-transferring said at least one first discrete signal and said control signal to

said at least one transmitter,

-said at least one transmitter station transmitting at least one information transmission

-containing said instruct signal,

-said at least one first discrete signal, and said control signal to said plurality of

receiver stations.

Considering claim 124, there is no support for:

-wherein at least one of a

-combined and

-a sequential output of a video image and

-said only a portion of said video presentation is

-delivered at said output device of said at least one of said plurality of receiver

stations,

-said method further comprising the steps of

-receiving said video image at said at least one transmitter station; and

-transmitting said video image to said at least one of said plurality of receiver

stations.

Considering claim 125, there is no support for:

-wherein at least one of said at least one instruct signal and said at least one control

signal is

-embedded in

-a non-visible portion of at least one of a video signal,

-a multichannel broadcast signal, and a cablecast signal that contains video.

Considering claim 126, there is no support for:

-wherein said at least one origination transmitter transmits said instruct signal,

said first discrete signal, and said control signal in a data transmission.

Considering claim 127, there is no support for:

-wherein a switch at said at least one transmitter station

-communicates at least one first signal

-selectively from a receiver and

-one of a memory and a recorder to said at least one transmitter,

-said method further comprising the step of:

-detecting said at least one first signal which is effective at said transmitter station

to instruct communication.

Considering claim 128, there is no support for:

-wherein a controller controls a switch to communicate to said at least one

transmitter at least one first signal,

-said method further comprising the step of:

-detecting said at least one first signal which is effective at said transmitter station

to instruct transmission.

Considering claim 129, there is no support for:

-further comprising the step of: transmitting to said at least one of said plurality

of receiver stations at least one datum that at least one of

-(i) designates one of a time and a channel of transmission of said instruct signal and

-(ii) specifies at least one of a title of and subject matter contained in one of mass

medium programming and data associated with said instruct signal.

Considering claim 130, there is no support for:

-wherein said at least one control signal further

-comprises at least one processor instruction targeted to said processor at

-said at least one of said plurality of receiver stations,

-said at least one processor instruction programming a manner in which

said processor responds to said instruct signal.

Considering claim 131, there is no support for:

-wherein said at least one of said plurality of receiver stations is

at least one of

-adapted to detect the presence of said control signal and

-programmed to respond to said instruct signal

-on the basis of the location of one of said control signal and said instruct signal in an

information transmission,

-said method further comprising the step of

-causing at least a portion of one of said control signal and said instruct signal to

be transmitted in said location.

Considering claim 132, there is no support for:

-wherein a switch at said at least one transmitter station

-communicates at least one first signal selectively from said receiver and

-one of a memory and a recorder to said at least one transmitter,

-said method further comprising the step of

-determining a signal source from which to communicate said at least one first signal

to said transmitter.

Considering claim 133, there is no support for:

-wherein a switch at said at least one transmitter station

-communicates at least one first signal

-selectively from said receiver and one of a memory and a recorder to

said at least one transmitter, said method further comprising the step of

-controlling said switch to communicate at least one second signal to said transmitter

in response to said at least one first signal which is effective at said transmitter station

to instruct communication.

Considering claim 134, there is no support for:

-wherein a switch at said at least one transmitter station

-communicates at least one first signal selectively from said receiver and one of a

memory and a recorder to said at least one transmitter, said method further

comprising

the step of

-controlling said switch to communicate said at least one first signal from a signal

source.

Considering claim 135, there is no support for:

wherein a switch at said at least one transmitter station

-communicates at least one first signal selectively from said receiver and one of a

memory and a recorder to said at least one transmitter, said method further

comprising

the step of

-controlling said switch to communicate to said one of a memory and a recorder at

at least one second signal which is effective at said at least one of said plurality of

receiver stations to instruct.

Considering claim 136, there is no support for:

-wherein a controller controls a switch to

-communicate to said at least one transmitter at least one first signal, said method

further comprising the step of

-inputting to said controller at least one second signal which is effective to

-control said switch.

Considering claim 137, there is no support for:

-wherein a controller controls a switch to communicate to said at least one transmitter

at least one first signal, said method further comprising the step of

-controlling said switch to communicate said at least one first signal

acccrding to a transmission schedule.

Considering claim 138, there is no support for:

-wherein a controller controls a switch to communicate to said at least one transmitter

at least one first signal, said method further comprising the step of

-controlling said switch to communicate from one of a plurality of signal sources.

Considering claim 139, there is no support for:

-wherein a controller controls a switch to communicate to said at least one transmitter

at least one first signal, said method further comprising the step of

-controlling said switch to communicate said at least one first signal to at least one

second transmitter.

Considering claim 140, there is no support for:

-further comprising the step of

-transmitting to said at least one of said plurality of receiver stations said at least one

control signal to cause said at least one of said plurality of receiver stations to

-tune to one of a broadcast and a cablecast transmission containing said instruct

signal.

Considering claim 141, there is no support for:

-wherein a television program comprises

-a series of computer generated images,

-where said at least one of said plurality of receiver stations includes a television

monitor which

-displays said video presentation in said television monitor

-to display said only said portion of said video presentation

-in one of said series of computer generated images, said method further comprising

the step of transmitting said data.

Considering claim 142, there is no support for:

    -A method of outputting a video presentation at a receiver station,

    -said video presentation including a video image, said method comprising the steps of:

    -receiving an information transmission at said receiver station,

    -said information transmission containing at least a first discrete signal and at least one

        control signal;

    -detecting said at least a first discrete signal and said at least one control signal in said

     information transmission;

    -passing said detected at least a first discrete signal and said detected at least one

     control signal to at least one processor;

    -organizing information contained in said at least a first discrete signal at

    said receiver station with information contained in a second discrete signal based

    on said at least one control signal;

    -passing at least one processor instruction to or within said at least one processor,

    -said at least one processor instruction comprising said organized information from

   said step of organizing;

    -responding to said at least one processor instruction at said receiver station based on

    said step of passing said at least one processor instruction;

-generating only a portion of said video image

-based on said step of responding to said at least one processor instruction; and

-outputting said video presentation to a user, said video presentation containing said

generated only said portion of said video image.

Considering claim 143, there is no support for:

-A method of outputting a video presentation at a receiver station including:

-receiving a transmission from a remote station, said transmission containing a video

image and one or more first discrete signals;

-passing said received video image to an output device for delivery to a user;

-detecting said one or more first discrete signals;

-passing said information contained in said one or more first discrete signals to a

   processor in response to said step of detecting;

-organizing said information contained in said one or more first discrete signals at

said   receiver station with information contained in one or more second discrete

signals;   -responding, at said processor, to processor instructions comprising said

organized   information, based on said step of organizing;

-generating a signal based on said processor instructions; and

-outputting at least a portion of said video presentation based on said generated

signal.

Considering claim 144, there is no support for:

-wherein said generated signal is a generated control signal,

-said method further having one step of the group consisting of:

-selecting at least one of said transmission and said video image in response to said

generated control signal;

-outputting said video image in response to said generated control signal;

-processing user input based on said generated control signal;

-generating at least a portion of said video presentation based on said generated

control signal; and

-outputting a simultaneous or

-sequential presentation of said video image and one or more receiver specific video

images based on said generated control signal.

Considering claim 145, there is no support for:

-wherein said generated signal is a control signal, said method further comprising

the step of

-controlling one of a receiver, a switch, a decryptor or enabling device, a storage

device, a computer, and a second output device based on said control signal.

Considering claim 146, there is no support for:

-wherein said generated signal contains one or more receiver specific data, said

method further comprising the step of:

-generating said one or more receiver specific data by processing information stored

in   a computer.

Considering claim 147, there is no support for:

-further comprising assembling said processor instructions based on said one or more

first discrete signals.

Considering claim 148, there is no support for:

-further comprising the step of receiving encrypted video from said remote station.

Considering claim 149, there is no support for:

-wherein said one or more first discrete signals further designate a specific user input

to process, said method further comprising the step of

-generating output by processing said specific user input.

Considering claim 150, there is no support for:

-wherein said receiving station includes a microcomputer, said method further

comprising the step of

-controlling said microcomputer in response to said step of detecting.

Considering claim 151, there is no support for:

-further comprising the step of

-communicating to a remote station data evidencing

-the availability,

-use, or

-usage of

said one or more first discrete signals,

said processor instructions, or said one or more video images.

Considering claim 152, there is no support for:

-A method of delivering a video presentation at least one receiver station of a

plurality

of receiver stations each of which includes a receiver, a signal detector, a processor,

and an output device, and is

-adapted to detect the presence of one or more control signals and programmed

-to process downloadable processor instructions that, at said at least one receiver

station, are

-effective to generate and output a local image of said video presentation and have a

target processor to process data,

-said video presentation comprised of said local image of said video presentation

and a video image which is received at said at least one receiver station from

a first remote transmitter station, said method comprising the steps of:

-receiving at one of said first remote transmitter station and a second remote

transmitter station said downloadable processor instructions;

-transferring said downloadable processor instructions to a transmitter;

-receiving said one or more control signals at said one of a first remote transmitter

station and a second remote transmitter station, wherein said one or more

control signals are operative at said at least one receiver station

-to direct said video image to said output device,

-designate a processor to execute said downloadable processor instructions, or

-designate a user input to be processed based on said downloadable processor

instructions, and wherein said one or more control signals

-enable said at least one receiver station

-to display said local image of said video presentation in

-conjunction with said video image; and

-transferring said one or more control signals to said transmitter; and

-transmitting a transmission comprising said downloadable processor instructions

and said one or more control signals.

Considering claim 153, there is no support for:

-wherein a combined or sequential output of said video or graphic image and said

specific portion of a video presentation is

-delivered at the output device of said at least one receiver station,

said method further comprising the steps of:

-receiving said video image at said one of said first and second remote transmitter

station; and

-transmitting said video image to said at least one receiver station.

Considering claim 154, there is no support for:

-wherein said downloadable processor instructions or

-a portion of identification data in respect of said downloadable processor instructions

are embedded in a non-visible portion of a signal containing said video image.

Considering claim 155, there is no support for:

-wherein said video image is displayed at said at least one receiver station and said

downloadable processor instructions program said processor to output video, audio,

-or text simultaneously or

-sequentially with said video image or

-to process a viewer reaction to said video image or to select information that

supplements said video image.

Considering claim 156, there is no support for:

-wherein said one or more control signals incorporate a portion of

said downloadable processor instructions.

Considering claim 157, there is no support for:

-A method of delivering a video presentation at least one receiver station of a

plurality   /

of receiver stations each of which includes a receiver, a signal detector, a processor,

and an output device, and is

-adapted to detect the presence of signals, said method comprising the steps of:

-receiving, at an origination transmitter station, a video image to be transmitted by a

remote intermediate transmitter station;

-delivering a signal to an origination transmitter,

-wherein said signal contains said video image and includes an instruct signal which

is

-effective at said at least one receiver station

-to generate and output a local image of said video presentation,

-wherein said local image is outputted at said at least one receiver station in

-conjunction with said video image; receiving, at said origination transmitter station,

one or more control signals,

-wherein said one or more control signals operate at said remote intermediate

transmitter station

-to control the communication of at least one of said video image, and said instruct

signal; and

-transmitting said one or more control signals from said origination transmitter before

-a specific time.

Considering claim 158, there is no support for:

-wherein said one or more control signals comprise a code or datum which

-operates at the remote intermediate transmitter station

-to identify said video image, said method further comprising the step of:

-transmitting from said origination transmitter a second control signal which

-operates at the remote intermediate transmitter station

-to communicate said video image to a second transmitter at said specific time.

Considering claim 159, there is no support for:

-further comprising the step of

-embedding a specific one of said one or more control signals in a non-visible portion

of said signal containing said video image before transmitting said video image to

said

remote intermediate transmitter station.

Considering claim 160, there is no support for:

-wherein said specific time is a scheduled time of transmitting said video image

at said remote intermediate transmitter station.

Considering claim 161, there is no support for:

-wherein said one or more control signals are effective at said remote intermediate

transmitter station to control one or more of a plurality of selective transfer devices

at different times.

Considering claim 162, there is no support for:

-A method of delivering a video presentation at least one receiver station of

a plurality of receiver stations each of which includes a receiver, a signal detector,

a processor, and an output device,

-wherein said at least one receiver station is

-programmed to process code and adapted

-to detect at least a first of a plurality of discrete signals, said code

comprised of information contained in each of said plurality of discrete signals,

-said method comprising the steps of:

-receiving a video image at a transmitter station;

-delivering said video image to a transmitter; receiving said at least said first of

said plurality of discrete signals at said transmitter station,

-wherein said at least said first of said plurality of discrete signals

-enables said at least one receiver station to process said code by

-organizing information contained in said at least said first of said plurality of

discrete signals with information contained in a second of said plurality of signals

and,   thereby,

-to respond to said code, and wherein said code enables said at least one receiver

station to generate or

-identify a local image and output said local image in conjunction with said graphic

image;

-transferring said at least said first of said plurality of discrete signals to said

transmitter; and

-transmitting said video image and said at least said first of said plurality of discrete

signals from said transmitter station to said at least one receiver station.

onsidering claim 163, there is no support for:

-wherein said at least said first of said plurality of discrete signals comprise

-a portion of identification data and is embedded in a signal containing

said video image.

Considering claim 164, there is no support for:

-wherein said step of transmitting directs said video image to said plurality of

receiver

stations at the same time and each of said plurality of receiver stations

-receives or

-responds to said one or more instruct signals

-concurrently.

Considering claim 165, there is no support for:

-wherein said step of transmitting directs at least said video image to said

at least one of receiver station of said plurality of receiver stations in a

television, radio, or other electronic transmission.

Considering claim 166, there is no support for:

-further comprising the steps of receiving said video image at a receiver in

the transmitter station,

-communicating said video image from said receiver to a memory location, and

-storing said video image at said memory location for

-a period of time

-prior to said delivering said video image to said transmitter.

Considering claim 167, there is no support for:

-A method of outputting a video graphic presentation at a receiver station including:

-receiving, from a remote transmitter station, a transmission that contains at least a

first discrete signal of downloadable code and

-a first completed full screen video graphic image,

-said first completed full-screen video graphic image containing

-at least one graphic image;

-passing said received first completed full-screen video graphic image to a video

monitor for

-delivery to a user, said video monitor having a viewing screen;

-displaying said first completed full-screen video graphic image at said video

monitor,

-said displayed first completed full-screen video graphic image

-filling the entire surface area of said viewing screen;

-detecting said at least a first discrete signal of said downloadable code;

-passing said at least a first discrete signal of said downloadable code

to at least one processor;

-organizing information contained in said at least a first discrete signal at

said receiver station with information contained in a second discrete signal based on

at   least one control signal;

-responding to at least one processor instruction at said receiver station,

-said at least one processor instruction comprising said organized information from

said   step of organizing; passing, to said video monitor based on said step of

responding to at   least one processor instruction,

-only a portion of a second completed full-screen video graphic image; and displaying,

at said video monitor,

-said second completed full-screen video graphic image,

-said displayed second completed full-screen video graphic image

-filling the entire surface area of said viewing screen and

-containing said passed only a portion of said second completed full-screen video

graphic image and

-only a portion of said first completed full-screen video graphic image,

-wherein said method delivers said video graphic presentation.

Considering claim 168, there is no support for:

-further comprising a step of

-generating said passed only a portion of said second completed full-screen video

-graphic image in accordance with said at least one processor instruction.

Considering claim 169, there is no support for:

-further comprising the steps of receiving audio from said remote transmitter station,

-and outputting said audio at a speaker during said video graphic presentation.

Considering claim 170, there is no support for:

-wherein said audio describes information displayed in said video graphic

presentation.

Considering claim 171, there is no support for:

-A method of delivering a video graphic presentation at least one receiver station

-of a plurality of receiver stations, each of which

-(a) includes a receiver, a signal detector, a processor to execute at least one processor

instruction,

and a video monitor that has a viewing screen,

-(b) is adapted to detect the presence of one or more control signals, and

-(c) is programmed to process said at least one processor instruction,

-wherein said at least one processor instruction instructs said at least one receiver

station

-to pass only a portion of a second completed full-screen video graphic image to said

at least one of said video monitor and said television monitor,

-wherein said second completed full-screen video graphic image

-fills the entire surface area of said viewing screen when displayed at said video

monitor and

-contains said only a portion of said second completed full-screen video graphic

image

and only a portion of a first completed full-screen video graphic image,

-wherein said first completed full-screen video graphic image fills the entire surface

area of said viewing screen when displayed at said video monitor,

-and wherein said second completed full-screen video graphic image contains at least

one graphic image,

-said method comprising the steps of: receiving at a transmitter station at least one

discrete signal that contains only partial information of said at least one processor

instruction and serves as a basis for providing said at least one processor instruction

at said at least one receiver station;

-transferring said at least one discrete signal to a transmitter;

-receiving said one or more control signals at said transmitter station,

-wherein said one or more control signals are operative at said at least one receiver

station to provide said at least one processor instruction by

-causing said at least one receiver station to

-organize said partial information with information contained in a second discrete

signal, said at least one processor instruction

-directing, to said video monitor, said only a portion of said second completed full-

screen video graphic image, said viewing screen

-displaying said only a portion of said second completed full-screen video graphic

image in conjunction with said one a portion of said first completed full-screen video

graphic image;

-transferring said one or more control signals to said transmitter; and

transmitting a transmission comprising said at least one discrete signal and

said one or more control signals,

-wherein said method delivers said video graphic presentation.

Considering claim 172, there is no support for:

-further comprising a step of transmitting at least a portion of said first completed

full-screen video graphic image.

Considering claim 173, there is no support for:

-wherein said first completed full-screen video graphic image also

-contains said at least one graphic image, said method further comprising a step of

transmitting said at least one graphic image.

Considering claim 174, there is no support for:

-further comprising a step of transmitting audio that states a significance of

information displayed in said video graphic presentation.

Considering claim 175, there is no support for:

-A method of delivering a video graphic presentation at least one receiver station of

a plurality of receiver stations,

-each receiver station of said plurality of receiver stations being

-adapted to

-detect the presence of signals and including a receiver, a signal detector,

a processor, and a video monitor,

-said video monitor having a viewing screen, said method comprising the steps of:

-receiving, at an origination transmitter station, a first completed full screen video

graphic image that fills the entire surface area of said viewing screen when

displayed   at said video monitor,

-said first completed full-screen video graphic image to be transmitted by a remote

intermediate transmitter station and

-displayed at said video monitor;

-delivering a signal to an origination transmitter,

-said signal containing said first completed full-screen video graphic image and at

least one discrete signal that

-contains only a part of at least one processor instruction that

-instructs said at least one receiver station to generate and output only a portion

of a second completed full-screen video graphic image,

said second completed full screen video graphic image

-filling the entire surface area of said viewing screen when

-displayed at said video monitor and

-containing said only a portion of a second completed full-screen video graphic image

-in conjunction with only a portion of said first completed full-screen video graphic

image,

-wherein at least one of said first completed full-screen video graphic image and said

second completed full-screen video graphic image contains at least one graphic

image;

-receiving, at said origination transmitter station, one or more control signals, said

one   or more control signals operate at the remote intermediate transmitter station

-to control the communication of at least one of

-(i) said first completed full-screen video graphic image and said at least

one discrete signal,

-(ii) said at least one processor instruction, and

-(iii) said second completed full screen video graphic image; and

-transmitting a transmission that contains said at least one discrete signal,

said first completed full-screen video graphic image and

said one or more control signals from said origination transmitter

before a specific time,

-wherein said method delivers said video graphic presentation.

Considering claim 176, there is no support for:

-further comprising a step of transmitting audio that describes information displayed

in   said video graphic presentation.

Considering claim 177, there is no support for:

-A method of delivering a video graphic presentation at least one receiver station of a

plurality of receiver stations each of which

-(a) includes a receiver, a signal detector, a processor to execute at least one processor

instruction, and a video monitor that has a viewing screen, and

-(b) is adapted to detect the presence of signals, said method comprising the steps of:

-receiving a first completed full-screen video graphic image at a transmitter station,

said first completed full-screen video graphic image

-filling the entire surface area of said viewing screen when displayed at said video

monitor;

-delivering said received first completed full-screen video graphic image to a

transmitter;

-receiving one or more instruct signals at said transmitter station, said one or more

instruct signals at said at least one receiver station

-designating at least one processor instruction that is operative at said at least one

receiver station

-to generate or

-identify locally and

-pass only a portion of a second completed full screen video graphic image to said video monitor,

-said second completed full screen video graphic image

-filling the entire surface area of said viewing screen when displayed at said video monitor and

-containing said only a portion of said second complete full-screen video graphic image and only a portion of said first complete full-screen video graphic image,

-wherein at least one of said first completed full-screen video graphic image and said second completed full screen video graphic image contains at least one graphic image;

-transferring said one or more instruct signals to said transmitter; and

-transmitting said first completed full-screen video graphic image and said one or more instruct signals from said transmitter station to said at least one receiver station, wherein said method

-delivers said video graphic presentation.

Considering claim 178, there is no support for:

-further comprising a step of transmitting audio that describes information displayed in said video graphic presentation.

Considering claim 179, there is no support for:

-A method of outputting a video graphic presentation at a receiver station including:

-receiving, from a remote transmitter station, a transmission

-that contains at least a first discrete signal and

-a series of video images that each contain at least one graphic image;

-passing said received series of video images to a video monitor for delivery to a user,

-said video monitor having a viewing screen;

-displaying, at said video monitor,

-a first completed full-screen video graphic image

-based on said series of video images,

-said displayed first completed full-screen video, graphic image

-filling the entire, surface area of said viewing screen;

-detecting said at least a first discrete signal;

-passing said at least a first discrete signal to at least one processor;

-organizing information contained in said at least a first discrete signal

at said receiver station with information contained in a second discrete signal based

on

at least one control signal;

-responding to at least one processor instruction at said receiver station,

-said at least one processor instruction comprising said organized information

from said step of organizing; passing, to said video monitor based on said step of

responding to at least one processor instruction,

-only a -portion of a second completed full-screen video graphic image; and

displaying   said second completed full-screen video graphic image at said video

monitor, said   -displayed second completed full-screen video graphic image

-filling the entire surface area of said viewing screen and

-containing said passed only said portion of said second completed full-screen video

graphic image and only a portion of said first completed full-screen video graphic

image, wherein said method delivers said video graphic presentation.

Considering claim 180, there is no support for:

-further comprising a step of

-generating said passed only a portion of said second completed full-screen video

graphic image in accordance with said at least one processor instruction.

Considering claim 181, there is no support for:

-further comprising the steps of receiving audio from said remote transmitter station,

and

-outputting said audio at a speaker during said video graphic presentation.

4.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and
> distinctly claiming the subject matter which the applicant regards as his invention.

5.   Claims 56-181 are rejected under 35 U.S.C. 112, second paragraph, as failing to

set forth the subject matter which applicant(s) regard as their invention. Evidence that

claims 56-181 fail(s) to correspond in scope with that which applicant(s) regard as the

invention can be found in Paper No. 22 filed 3/15/99. In that paper, applicant has

stated that the claims are supported by passages, sentences, and parsagraphs that do

not exist in the instant disclosure in pages 1-557, and this statement indicates that the

invention is different from what is defined in the claim(s) because the claim support

must be found in instant pages 1-557 (see above).

Double Patenting

6.   The nonstatutory double patenting rejection is based on a judicially created

doctrine grounded in public policy (a policy reflected in the statute) so as to prevent

the unjustified or improper timewise extension of the "right to exclude" granted by a

patent and to prevent possible harassment by multiple assignees. See *In re Goodman*,

11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225

USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA

1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970);and, *In re*

Thorington, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

**A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be
used to overcome an actual or provisional rejection based on a nonstatutory
double patenting ground provided the conflicting application or patent is shown
to be commonly owned with this application. See 37 CFR 1.130(b).**

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal

disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37

CFR 3.73(b).

7.   Claims 56-181 are rejected under the judicially created doctrine of obviousness-

type double patenting as being unpatentable over: claims 1-13 of U.S. Patent No.

4,694,490; and claims 1-5 of U.S. patent no. 4,704,725.

     Considenirg claims 56-181, applicant's cite passages, sentences, and paragraphs

that do not exist in the pending application but correspond to the '81 Fig 6C Wall

Street Week embodiment' . Particularly, the so called '81 Wall Street Week

embodiment is described in both '490 and '725 spanning from col 19 line 31 through

col 20 line 11). Applicant cites this passage via paper no. 22 pages 51-62.

However, it is found that the so called '81 Wall Street Week embodiment directly

supports already patent claims; more specifically claims 1-13 of '490 and claims 1-5 of '725. Applicant asserts, per paper no. 22 pages 51-62, that '490 and '725 fully support the pending claims. Applicant is taken at his word. Examiner incorporates by reference applicant's paper no. 22 table B1. The patented generic terms such as 'control signals' ('490 col 22 line 35) and 'modification signal ('490 col 22 line 63), 'modification control signals' ('490 col 22 line 66) as well as the '490 col 24 112 6th paragraph invoked 'means plus function language' requiring that 'all materials and structures specified as necessary for accomplishing the claimed functions' be read into the claim scope (see attached Fed register vol 64 No. 146, published Friday, July 30, 1999), all capture the same support that applicant instantly relies. Hence, further coverage of old patents would have been obvious for the benefit of extending patent monopolies that are found to exist.

8. Claims 56-181 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over: claims 20-25 of U.S. patent no. 4,965,825; 1-71 of U.S. patent no. 5,233,654; 1-56 of U.S. patent no. 5,335,277; and 1-45 of U.S. patent no. 5,887,243.

Considering claims 56-181, the universal receiver embodiments covered via claims 20-25 of U.S. patent no. 4,965,825; 1-71 of U.S. patent no. 5,233,654; 1-56 of U.S. patent no. 5,335,277; and 1-45 of U.S. patent no. 5,887,243 cover such universal

receiver and corresponding disclosed bur more specific SPAM control signals for

accomplishing the claimed function. To seek patent coverage accomplishing the

pending claim scope but benefiting from the broader '81 disclosure is an obvious

manner of broadening claims so as not to have the claim language corresponding to

the disclosed SPAM control signals.

Claim Rejections - 35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form

the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public
use or on sale in this country, more than one year prior to the date of application for patent in the United
States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United
States before the invention thereof by the applicant for patent, or on an international application by another
who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the
invention thereof by the applicant for patent.

The claims are rejected as best understood given new matter and given indefinite claim scope.

Claims 56-181 are rejected under 35 U.S.C. 102(b and e) as being clearly

anticipated by Campbell et al (U.S. patent no. 4,536,791). Campbell et al clearly

anticipates the disclosed intermediate station and the receiver station of the '81

support cited per paper no. 22.

Claim Rejections - 35 U.S.C. § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CAR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

9.   Claims 56-181 are rejected under 35 U.S.C. 103(a) as being unpatentable over

WO 89/02682.

Considering claims 56-181, WO 89/02682 suggest a complex universal receiver

accomplishing the '81 supported claims (as urged by paper no. 22). The simplification

of the system taught in 89/02682 would have been obvious for the benefit of simpler
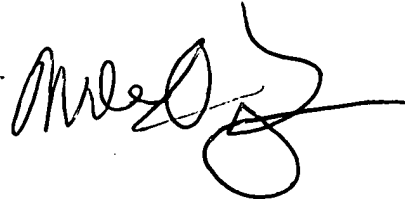
implementation.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to *William Luther* whose telephone number is *(703) 308-*

6609. The examiner can normally be reached on Monday through Friday from 9:30

am to 3:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, supervisor Andew

Faile can be reached at *(703) 305-4380*.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the Group receptionist whose telephone number is

(703) 305-3900.

William Luther
Patent Examiner
October 13, 1999